



# Magic™ Anti-TUBB3 polyclonal antibody (DPABH-27431)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain. TUBB3 plays a critical role in proper axon guidance and maintenance.
<b>Immunogen</b>	Synthetic peptide from a region of Mouse beta III Tubulin (Q9ERO7) conjugated to KLH.
<b>Isotype</b>	IgY
<b>Source/Host</b>	Chicken
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P, ICC/IF
<b>Format</b>	Liquid
<b>Size</b>	250 µl
<b>Buffer</b>	pH: 7.20; Constituent: 99% PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

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<b>Gene Name</b>	<a href="#">TUBB3 tubulin, beta 4 class III [ <i>Mus musculus</i> ]</a>
<b>Official Symbol</b>	TUBB3
<b>Synonyms</b>	TUBB3; tubulin, beta 3 class III; M(beta)3; M(beta)6; 3200002H15Rik; tubulin beta-3 chain; betalII-tubulin;
<b>Entrez Gene ID</b>	<a href="#">22152</a>
<b>Protein Refseq</b>	<a href="#">NP_075768.1</a>
<b>UniProt ID</b>	<a href="#">Q9ERD7</a>
<b>Pathway</b>	Chaperonin-mediated protein folding; Diurnally regulated genes with circadian orthologs; Gap junction; Phagosome
<b>Function</b>	GTP binding; GTPase activity; nucleotide binding; peptide binding

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